

Robust portal trailer with
double-sided loading options

Ergonomic operation

High energy efficiency with
electrical connection

'Push through' of the
load to unload under the
portal bar (optional)

High level of directional
stability with all-wheel
steering (optional)



GTP 110/210/216

Trailer (1,000/1,600 kg)

Our GTP portal trailers guarantee the flexible, cost-effective transportation of loads with a capacity of up to 1600 kg per trailer. The opportunity to pick up and off-load trailers from both sides give a flexible solution for all operations.

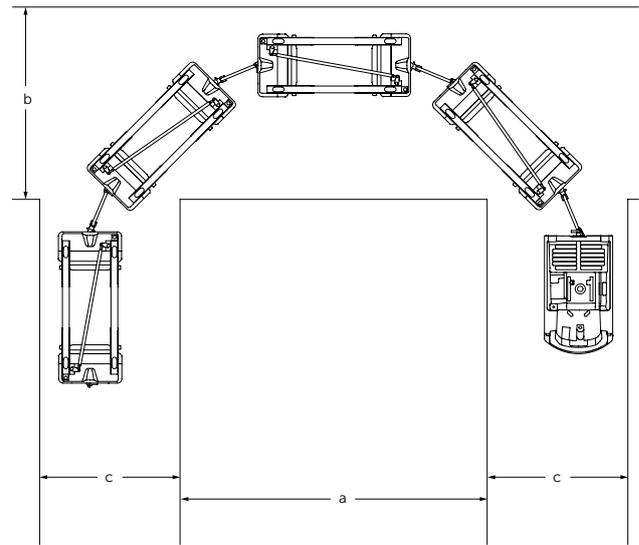
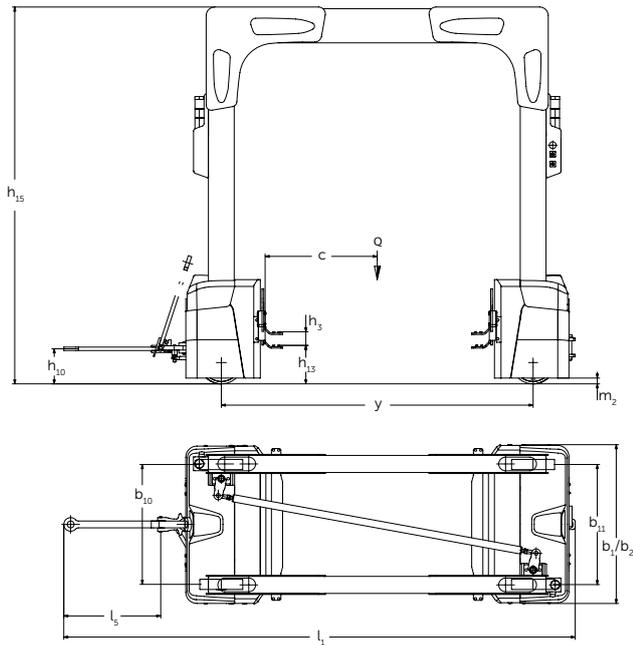
The portal trailers are available with two steering systems: Either with a simple steering/fixed castors principle or with a directional stability system for narrow spaces with simultaneous steering of all wheels.

Loading and unloading is precisely and quickly controlled using buttons for lifting and lowering. To unload, the trailer is lowered

then manually pushed through the portal frame. Portal heights of 1.60 metres (standard) and 2 metres (optional) enable you to adapt the system to your individual needs.

The trailers are electrically connected, thereby providing the best conditions for easy, reliable and efficient operation. A high level of energy efficiency is guaranteed by the energy conversion directly in the trailer.

GTP 110/210/216



model GTP	Pallet size [mm]	Number of trailers	Length without tow tractor [mm]	a [mm] (without oncoming traffic, EZS 350)	smallest turning circle 2xW _a	U-turn		90° curve	
						b [mm] (without counter-traffic, EZS 350)	c [mm] (EZS 350)	b [mm] (without counter-traffic, EZS 350)	
110	800	2	5100	2000	5800	5700	2000	3200	
110	800	3	7650	2000	6100	5900	2000	4000	
110	800	4	10200	2000	6600	6300	2000	4600	
110	1000	2	5100	2200	5800	5400	2000	3200	
110	1000	3	7650	2200	6100	6000	2000	4000	
110	1000	4	10200	2200	6600	6200	2000	4600	
210/216	800	2	5800	2000	5100	2700	2000	2100	
210/216	800	3	8700	2000	5300	3000	2000	2500	
210/216	800	4	11600	2000	5400	3300	2000	2600	
210/216	1000	2	5800	2200	5100	2500	2000	2200	
210/216	1000	3	8700	2200	5300	2900	2000	2400	
210/216	1000	4	11600	2200	5500	3300	2000	2600	

Technical data

		Jungheinrich									
Identification	1.1	Manufacturer (abbreviation)									
	1.2	Model	GTP 110	GTP 110	GTP 210	GTP 210	GTP 216	GTP 216			
			800 x 1200	1000 x 1200	800 x 1200	1000 x 1200	800 x 1200	1000 x 1200			
Identification	1.5	Load capacity/rated load	Q	t	1	1	1	1	1.6	1.6	
	1.6	Load centre distance	c	mm	652						
	1.7	Rated tractive power	F	N	1,280 ¹⁾	1,280 ¹⁾	1,340 ¹⁾	1,340 ¹⁾	1,820 ¹⁾	1,820 ¹⁾	
	1.9	Wheelbase	y	mm	1,851	1,851	1,814	1,814	1,814	1,814	
Weights	2.1	Service weight			kg	600	600	670	670	680	680
	2.2	Axle load with load front/rear			kg	800 / 800	800 / 800	835 / 835	835 / 835	1,140 / 1,140	1,140 / 1,140
	2.3	Axle load without load front/rear			kg	300 / 300	300 / 300	335 / 335	335 / 335	340 / 340	340 / 340
Wheels / frame	3.1	Tyres	Vu								
	3.2	Tyre size, front	mm								
	3.3	Tyre size, rear	Ø 250 x 60								
	3.5	Wheels, number front/rear (x = driven wheels)	2 / 2								
	3.6	Tread width, front	b ₁₀	mm	730	730	700	700	700	700	
3.7	Tread width, rear	b ₁₁	mm	730	730	700	700	700	700		
Basic dimensions	4.2.1	Total height	h ₁₅	mm	1,815 ⁴⁾						
	4.4	Lift	h ₃	mm	80						
	4.12	Coupling height	h ₁₀	mm	205						
	4.15	Height, lowered	h ₁₃	mm	220						
	4.17	Overhang length	l ₅	mm	640	640	564	564	564	564	
	4.19	Overall length	l ₁	mm	2,920	2,920	2,975	2,975	2,975	2,975	
	4.21	Overall width	b ₁ /b ₂	mm	922	1,122	922	1,122	922	1,122	
	4.32	Ground clearance, centre of wheelbase	m ₂	mm	35 ³⁾						
4.38.4	Pallet width			mm	800	1,000	800	1,000	800	1,000	
Performance data	5.1	Travel speed, laden/unladen			km/h	8.5 / 12 ²⁾					
	5.2	Lift speed, laden/unladen			m/s	0.03 / 0.03					
	5.3	Lowering speed, laden/unladen			m/s	0.03 / 0.03					
	5.7	Gradeability laden/unladen			%	10 / 10					
	5.10	Service brake				none					
Electrics	6.2	Lift motor			W	2x / 880					
	6.4	Battery voltage/nominal capacity K5			V/Ah	24 / 0					
Misc.	8.4	Sound pressure level at operator's ear as per EN 12053			dB (A)	70					
	8.5	Trailer coupling, model/type DIN				Tiller	Tiller	Plug coupling	Plug coupling	Plug coupling	Plug coupling

¹⁾ A maximum of 4 trailers are recommended per train.

²⁾ Maximum permissible speed for trailers. Actual speed is dependent on load and tow tractor.

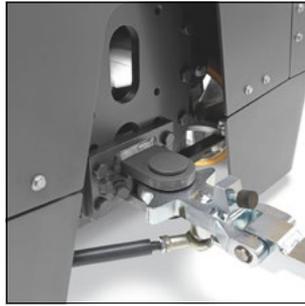
³⁾ Measured under bumper. Ground clearance centre of wheelbase (m₂) under portal bar 1600 mm (optional 2000 mm). Maximum load height under portal bar 1400 mm incl. trolley (optional 1800 mm).

⁴⁾ Optional 2215 mm.

Benefit from the advantages



Electrical connection for trailers



All-wheel steered frame (optional) for excellent directional stability



The portal design allows loads to be pushed out



Lifting and lowering via buttons at an ergonomic height

Electrical connection of trailers

The portal trailers are electrically connected in order to transfer the necessary energy for lifting and lowering.

- High level of efficiency with excellent energy management.
- Fast, quiet lifting and lowering.
- Easy and clean connection. The coupling is via just an electrical connector.
- No additional power unit required in the tow tractor.
- Low energy consumption.

Comfortable and safe operation

- Simple coupling system for connecting the trailers with good directional stability.
- All-wheel steered frame (GTP 210/216) for excellent directional stability.

Optimum ergonomics for efficient work

- Lifting and lowering via buttons at an ergonomic height.
- Lift status displayed via differently coloured lights (optional).
- Heavy loads are pushed out of the GTP via the portal construction. This is more ergonomic and gentle on the back than pulling it out.

Rugged construction for tough applications

- Frame manufactured from high quality sheet steel.
- Design for 1000 kg and 1600 kg loads.
- Optional portal heights of 1600 mm and 2000 mm (optional).
- Suitable for load aids with dimensions of 800x1200 mm and 1000x1200 mm.
- Suitable trolleys available in all sizes.

Reduced costs due to energy-efficient operation

- Energy is only ever used in the individual trailer in which the load is lifted/lowered. Loads therefore remain in the raised position when the trailer stops to save energy.
- The conversion of the energy directly in the trailer minimises losses and ensures optimum energy utilisation.

Maintaining an overview at all times

A comprehensive instrument display allows a complete operational overview at all times:

- Traffic light display (optional) for lift function.
- Clear view from tow tractor of the entire train due to the portal bar.

Additional equipment

- Extensive accessories for individual tailoring to your requirements.

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The German production facilities in Norderstedt, Moosburg and Landsberg are certified. **ISO 9001**
ISO 14001

Jungheinrich fork lift trucks meet European safety requirements.



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